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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,731	09/12/2003	In Hee Han	9988.056.00-US	4916

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WASHINGTON, DC 20006

EXAMINER
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LU, JIPING

ART UNIT	PAPER NUMBER
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3749

DATE MAILED: 07/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/660,731

Applicant(s)

HAN, IN HEE

Examiner

Jiping Lu

Art Unit

3749

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 28 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-3,5-8 and 15-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-8 and 15-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Allowable Subject Matter*

1. The amendment after final filed 6/28/2005 has been entered. It is regretted that the indicated allowability of claims 1-3, 5,6, 13, 14 is withdrawn in view of the newly discovered reference(s) to Campbell (U. S. Pat. Re. 16,044) and Kee (U. S. Pat. 1,500,094) and Holub (U. S. Pat. 1,550,700). Rejections based on the newly cited reference(s) follow.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 7-8, 15 are rejected under 35 U.S.C. 102(b) as being anticipated by Holub (U. S. Pat. 1,550,700).

Holub shows a clothes dryer comprising a cabinet 2, a mixing pipe 28 having an inlet (at 41) disposed in the cabinet and one or more holes (on 52, see Fig. 2, also see page 5, line 21) configured to allow the air to directly flow into the mixing pipe from outside the clothes dryer same as claimed. The one or more holes are provided at a bottom portion 52 of the clothes dryer 2 and in front of inlet of the mixing pipe 28 (see Fig. 2).

***Claim Rejections - 35 USC § 103***

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

5. Claim 16 is rejected under 35 U.S.C. 103(a) as being unpatentable over Holub (U. S. Pat. 1,550,700) in view of Schenck (U. S. Pat. 1,799,649).

The clothes dryer of Holub as above includes all that is recited in claim 16 except for the shape of the air holes. Schenck teaches a clothes dryer with long air holes 8a same as claimed. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to further modify the clothes dryer of Holub to include long air holes as taught by Schenck in order to improve the drying efficiency.

6. Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Holub (U. S. Pat. 1,550,700) in view of Fig. 3 of applicant's admitted prior art.

The clothes dryer of Holub includes all that is recited in claim 17 except for the mixing pipe is installed on a bottom of the clothes dryer. Fig. 3 of applicant's admitted prior art teaches a clothes dryer with a mixing pipe installed on a bottom of the clothes dryer same as claimed. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to install the mixing pipe of Holub on the bottom of the clothes dryer as taught by Fig. 3 of applicant's admitted prior art in order to provide a steady support to the mixing pipe.

7. Claims 1-2, 5, 7-8, 15 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fig. 3 of applicant's admitted prior art in view of Campbell (U. S. Pat. Re. 16,044) and Kee (U. S. Pat. 1,500,094).

Fig. 3 of applicant's admitted prior art shows a clothes dryer same as claimed except for a plurality of air holes in a bottom of a base adjacent a front area of an inlet side of a mixing pipe. Campbell teaches a clothes dryer with a bottom 7 of a base having air holes or openings 8, 9 along the front and rear for allowing air to flow into the cabinet from outside the clothes dryer. Kee shows a clothes dryer with a bottom 23 of a base having a plurality of air holes 27. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the bottom of the base of the clothes dryer of Fig. 3 of applicant's admitted prior art with a plurality of air holes as taught by Kee and to further locate the air holes at the front area of the cabinet as taught by Campbell in order to improve the combustion efficiency.

8. Claims 3, 6 and 16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Fig. 3 of applicant's admitted prior art in view of Campbell (U. S. Pat. Re. 16,044) and Kee (U. S. Pat. 1,500,094) as applied to claims 1 and 7 above, and further in view of Schenck (U. S. Pat. 1,799,649).

The clothes dryer of Fig. 3 of applicant's admitted prior art as modified by Campbell and Kee as above includes all that is recited in claims 3, 6 and 16 except for the shape of the air holes. Schenck teaches a clothes dryer with long air holes 8a same as claimed. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to further modify the clothes dryer of Fig. 3 of applicant's admitted prior art to include long air holes as taught by Schenck in order to improve the drying efficiency.


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***Conclusion***

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jiping Lu whose telephone number is 571 272 4878. The examiner can normally be reached on Monday-Friday, 9:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ira Lazarus can be reached on 571 272-4877. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Jiping Lu  
Primary Examiner  
Art Unit 3749

J. L.